> a=seq(from=11,to=50,by=3)

> a

[1] 11 14 17 20 23 26 29 32 35 38 41 44 47 50

> summary(a)

Min. 1st Qu. Median Mean 3rd Qu. Max.

11.00 20.75 30.50 30.50 40.25 50.00

> mean(a)

[1] 30.5

> median(a)

[1] 30.5

> x=scan()

1: 55

2: 93

3: 113

4: 95

5: 93

6: 98

7: 86

8: 73

9: 88

10: 93

11: 86

12: 113

13: 110

14: 73

15: 29

16: 58

17: 58

18: 93

19: 86

20: 110

21: 88

22: 86

23: 93

24: 55

25: 98

26: 58

27: 29

28:

Read 27 items

> t=table(x)

> t

x

29 55 58 73 86 88 93 95 98 110 113

2 2 3 2 4 2 5 1 2 2 2

> mean(x)

[1] 81.85185

> median(x)

[1] 88

> mode(x)

[1] "numeric"

> s=sort(x)

> s

[1] 29 29 55 55 58 58 58 73 73 86 86 86 86 88 88 93 93 93 93 93 95 98 98 110 110 113 113

> s=sort(x,decreasing=TRUE)

> s

[1] 113 113 110 110 98 98 95 93 93 93 93 93 88 88 86 86 86 86 73 73 58 58 58 55 55 29 29

> ll=seq(from=15,to=50,by=5)

> ul=seq(from=20,to=55,by=5)

> CI=(ll+ul)/2

> frequency=c(09,12,16,26,14,12,06,05)

> data=data.frame(ll,ul,CI,freq)

Error in data.frame(ll, ul, CI, freq) : object 'freq' not found

> data=data.frame(ll,ul,CI,frequency)

> data

ll ul CI frequency

1 15 20 17.5 9

2 20 25 22.5 12

3 25 30 27.5 16

4 30 35 32.5 26

5 35 40 37.5 14

6 40 45 42.5 12

7 45 50 47.5 6

8 50 55 52.5 5

> y=rep(CI,frequncy)

Error: object 'frequncy' not found

> y=rep(CI,frequency)

> y

[1] 17.5 17.5 17.5 17.5 17.5 17.5 17.5 17.5 17.5 22.5 22.5 22.5 22.5 22.5 22.5 22.5 22.5 22.5 22.5 22.5 22.5 27.5 27.5 27.5 27.5 27.5 27.5 27.5 27.5 27.5 27.5 27.5

[33] 27.5 27.5 27.5 27.5 27.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 37.5

[65] 37.5 37.5 37.5 37.5 37.5 37.5 37.5 37.5 37.5 37.5 37.5 37.5 37.5 42.5 42.5 42.5 42.5 42.5 42.5 42.5 42.5 42.5 42.5 42.5 42.5 47.5 47.5 47.5 47.5 47.5 47.5 52.5

[97] 52.5 52.5 52.5 52.5

> mean(y)

[1] 32.95

> y

[1] 17.5 17.5 17.5 17.5 17.5 17.5 17.5 17.5 17.5 22.5 22.5 22.5 22.5 22.5 22.5 22.5 22.5 22.5 22.5 22.5 22.5 27.5 27.5 27.5 27.5 27.5 27.5 27.5 27.5 27.5 27.5 27.5

[33] 27.5 27.5 27.5 27.5 27.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 37.5

[65] 37.5 37.5 37.5 37.5 37.5 37.5 37.5 37.5 37.5 37.5 37.5 37.5 37.5 42.5 42.5 42.5 42.5 42.5 42.5 42.5 42.5 42.5 42.5 42.5 42.5 47.5 47.5 47.5 47.5 47.5 47.5 52.5

[97] 52.5 52.5 52.5 52.5

> mean(y)

[1] 32.95

> summary(y)

Min. 1st Qu. Median Mean 3rd Qu. Max.

17.50 27.50 32.50 32.95 37.50 52.50

> tt=table(y)

> tt

y

17.5 22.5 27.5 32.5 37.5 42.5 47.5 52.5

9 12 16 26 14 12 6 5

> qurt=quantile(y,c(0.09,0.78,0.25,0.50,0.75))

> qurt

9% 78% 25% 50% 75%

22.05 42.50 27.50 32.50 37.50

>